

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB2004/001255

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G11B20/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G11B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PAPPU R ET AL: "Physical one-way functions" SCIENCE, AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE,, US, vol. 297, no. 5589, September 2002 (2002-09), pages 2026-2030, XP002285061 ISSN: 0036-8075 the whole document --- -/--	1-9

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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G document member of the same patent family

Date of the actual completion of the international search

30 June 2004

Date of mailing of the international search report

22/07/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>PAPPU SRINVASA: "Physical One-way Functions "</p> <p>THESIS, 'Online! - 2001 XP002286677</p> <p>Retrieved from the Internet:</p> <p><URL:http://web.media.mit.edu/{pappu/htm/pubs/PappuPhDThesis01.pdf}></p> <p>'retrieved on 2004-06-30!</p> <p>paragraph '0001!, sentence 1 - paragraph '01.2!</p> <p>paragraph '04.1! - paragraph '05.2!</p> <p>paragraph '0007!; figure 7.15</p> <p>paragraph '10.4!</p> <p>----</p>	1-9
P,A	<p>WO 03/049106 A (TALSTRA JOHAN C ;KONINKL PHILIPS ELECTRONICS NV (NL); STARING ANTO)</p> <p>12 June 2003 (2003-06-12)</p> <p>page 1, line 6 -page 6, line 3; figures</p> <p>----</p>	
A	<p>EP 0 731 459 A (YEDA RES & DEV)</p> <p>11 September 1996 (1996-09-11)</p> <p>abstract</p> <p>page 1, line 1 -page 2, line 17; figures</p> <p>----</p>	1-9
A	<p>EP 1 152 402 A (MATSUSHITA ELECTRIC IND CO LTD) 7 November 2001 (2001-11-07)</p> <p>column 3, line 35 -column 4, line 17;</p> <p>figure 3</p> <p>-----</p>	1-9

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Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 03049106	A	12-06-2003	WO 03049106 A2	12-06-2003
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